

Begin

Reel # 480
Rybalko, Y. L.

RYBALKO, Ye.L., kand. med. nauk

Proteins in the placenta and blood serum in women with late
pregnancy toxicoses. Akush. i gin. 39 no.5:32-38 S-0 '63.
(MIRA 17:8)

1. Iz kafedry akusherstva i ginekologii No.1 (zav. - prof.
N.S. Baksheyev) Kiyevskogo meditsinskogo instituta,

RYBALO, Z. K.

"Investigation of Tarry Bodies in Rhabdomyosarcoma of the Verkhne-Suyfunskiy Basin." Cand Chem Sci, Inst of Mineral Fuels, Moscow 1955. (ML, No 10, Mar 55)

So: Sum. No 670, 29 Sept 55- Survey of Scientific and Technical Dissertations
Defended at USSR Higher Educational Institutions (15)

KAR-VAYEV, N.M.; RYBAKO, A.M.

Studying the chemical nature of rhabdopiasite of the Lipovets
deposit in the Upper Sulfur Basin. Izv. VFIAN SSSR. Ser. khim.
no. 6:114-119 '62. (MIRA 17:8)

RYBALKO, Z.M.

Oxidizing cracking as a method of processing low and medium temperature tars from solid fuel. Trudy DVFAN SSSR. Ser. khim. no.6:83-89 '62.

Oxidizing cracking of phenols of generator tar from Lipovets run-of-mine coal of the Upper Suifun Basin. Ibid.:90-92
(MIRA 17:8)

RYBALKO, Z.M.

Chemical nature of rhabdopissite of the Upper Suyfun Basin. Soob.
DVFAN SSSR no. 15:53-57 '62. (MIRA 17:9)

1. Dal'nevostochnyy filial imeni Komarova Sibirskogo otdeleniya
AN SSSR.

BOROVITSKIY, V.N.; BORISOV, M.A.; RYBAL'NIK, T.I., red.; SINYUKHIN,
V.N., tekhn. red.

[Guide to the Pavilion of the Electrification of the U.S.S.R.]
Putevoditel Pavil'ona "Elektrifikatsiia SSSR". Moskva, 1962.
46 p. (MIRA 15:7)

1. Moscow. Vystavka dostizheniy narodnogo khozyaystva SSSR.
Pavil'on "Elektrifikatsiya SSSR."
(Moscow--Exhibitions) (Electrification)

BOROVITSKIY, V.N.; BORISOV, M.A.; RYBAL'NIK, T.I., red.; PYATNITSKIY, V.N., tekhn. red.

[Pavilion of the "Electrification of the U.S.S.R." a catalog and guide] Putevoditel'-katalog Pavil'ona "Elektrifikatsiia SSSR". Moskva, 1961. 46 p. (MIRA 15:7)

1. Moscow. Vystavka dostizheniy narodnogo khozyaystva SSSR. Pavil'on "Elektrifikatsiya SSSR."
(Moscow--Exhibitions) (Electrification)

9(4)

PHASE I BOOK EXPLOITATION

SOV/2674

Rybalov, Anatoliy Grigor'yevich

Lampy s begushchey i obratnoy volnoy (Traveling and Backward Wave Tubes)
Moscow, Voen. izd-vo M-va obor. SSSR, 1959. 61 p. (Series: Radio-
lokatsionnaya tekhnika) No. of copies printed not given.

Ed.: A.V. Vrublevskiy, Engineer, Lieutenant-Colonel; Tech. Ed.: M.A.
Strel'nikova.

PURPOSE: This booklet is intended for officers engaged in the operation of
radio facilities. It may be also used by the general reader interested in
the operation of the individual units and components of radar.

COVERAGE: The booklet presents in popular form the principle of operation and
the constructional and operating features of traveling and backward-wave
tubes. The use of mathematical formulas has been kept to a minimum and
treatment is limited for the most part to a qualitative analysis of
phenomena. No personalities are mentioned. There are no references. A
list of booklets included in the "Radar Technique" Series is presented on
the last page.

Card 1/4

Traveling and Backward Wave Tubes

SOV/2674

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AVAILABLE: Library of Congress

Card 4/4

JP/jb
12-21-59

RYBALOV, Anatoliy Grigor'yevich; VRUBLEVSKIY, A.V., inzh.-podpolkovnik,
red.; STREL'NIKOVA, M.A., tekhn.red.

[Tubes with traveling and reverse waves] Lampy s begushchei
i obratnoi volnoi. Moskva, Voen.izd-vo M-va obor. SSSR, 1959.
61 p.

(Electron tubes)

(MIRA 12:8)

RyBALov, B.L.

MOBILE I DOCK EXPLORATION 504/274

International Conference on the Peaceful Uses of Atomic Energy. 2nd,
Geneva, 1958

Doklady sovetskikh uchenykh: Yadernyye silyuchestvo i reaktornyye metall.
(Reports of Soviet Scientists: Nuclear Fuel and Reactor Metals) Moscow,
Atomizdat, 1959. 670 p. (Series: Ita: Trudy, vol. 3. 8,000 copies
printed.

Ed. (Title page): A.A. Kochvar, Academician, A.P. Vinogradov, Academician, V.D. Kessel'manov, Corresponding Member, USSR Academy of Sciences, and A.P. Zefirov, Doctor of Technical Sciences; Ed. (Inside book): V.V. Pustovarov and O.M. Pchelintseva; Tech. Ed.: E.I. Maslov.

REMARKS: This volume is intended for scientists, engineers, physicians, and biologists working in the production and peaceful application of atomic energy; for professors and students of schools of higher technical education where the subject is taught; and for people interested in atomic science and technology.

INTERESTED IN ATOMIC SCIENCE AND TECHNOLOGY.
REMARKS: This is volume 3 of a 5-volume set of reports on atomic energy, prepared by Soviet scientists at the Second International Conference on the Peaceful Uses of Atomic Energy, Moscow, August 1-13, 1955. Volume 3 consists of two parts. The first part contains 26 articles devoted to geology, prospecting, concentration and processing of nuclear source material. The second part, edited by G.I. Zverev, includes 27 reports on metallurgy, metallurgy processing technology of nuclear fuels and individual power, and neutron irradiation effects on metals. The titles of the official English language edition on the Conference proceedings in the official English language edition on the Conference proceedings are: Vol. 3/2061 for the titles of the other volumes of the set.

Yezhikova, Ye.Y., Ye.G. Ratushaya, M.B. Serednyakova, and O.Y. Shcherbak. The Role of Sorption in the Bores of Uranium Concentration in Sedimentary Rocks (Report No. 2059)

Skalicky, R.P. The Experimental Investigation of the Conditions of
Salt Transport and Deposition by Hydrothermal Solutions (Report No. 2067) 33

**Brasova, Z.A., Form Occurrence of Uranium in Some Coals (Report
1982)**

Isayenko, O.S., L.N. Belen, R.Y. Gertsara, and K.F. Savel'yev.
Mineralogical Types of Oxidation Zones of Hydrothermal Uranium and
Sulfide Deposits in the USSR (Report No. 2155)

Shubner, I. P., L. I. Lukin, P. I. Rybalov, Ye. P. Semushkin, and
V. A. Korobov. General Laws Governing the Localization of Uranium
Isotopes in the Basic Types of Structures of Hydrothermal Uranium
Ore Deposits (Report No. 2392)

and 3/11

VOL'FSON, F.I.; LUKIN, L.I.; DYUKOV, A.I.; KUSHNAREV, I.P.; PEK, A.V.;
 RYBALOV, B.L.; SONYUSHKIN, Ye.P.; KHOROSHILOV, L.V.; CHERNYSHEV,
 V.F.; BIRYUKOV, V.I.; GARMASH, A.A.; DRUZHININ, A.V.; KARAMYAN,
 K.A.; KUZNETSOV, K.F.; LOZOVSKIY, V.I.; MALINOVSKIY, Ye.P.;
 NEVSKIY, V.A.; PAVLOV, N.V.; ROMENSON, B.M.; SAMONOV, I.Z.;
 SIDORENKO, A.V. [deceased]; SOPKO, P.F.; CHEGLOKOV, S.V.; YUDIN,
 B.A.; KREYTER, V.M., doktor geologo-mineral.nauk, retsenzent;
 KOTLYAR, V.N., doktor geologo-mineral.nauk, retsenzent; GRUSHEVOY,
 V.G., doktor geologo-mineral.nauk, retsenzent; MAKOVNIK, N.I., doktor
 geologo-mineral.nauk, retsenzent; KUREK, N.N., doktor geologo-mineral.
 nauk, retsenzent; LIIGEN'KIY, S.N., retsenzent; SHATALOV, Ye.T., doktor
 geologo-mineral.nauk, red.; KRISTAL'NIY, B.V., red.; SERGETEVA, N.A.,
 red.izd-va; GUROVA, O.A., tekhn.red.

[Basic problems and methods of studying structures of ore provinces
 (Continued on next card)]

VOL'FSON, F.I.---(continued) Card 2.

and deposits] Osnovnye voprosy i metody izucheniia struktur rudnykh polei i mestorozhdenii. Moskva, Gos.nauchno-tekhn.izd-vo lit-ry po geol. i okhrane neдр, 1960. 623 p.

(MIRA 13:11)

1. Akademiya nauk SSSR. Institut geologii rudnykh mestorozhdeniy, petrografii, mineralogii i geokhimii. 2. Moskovskiy institut tsvetnykh metallov i zolota (for Dyukov, Biryukov, Druzhinin, Kuznetsov). 3. Institut mineralogii, geokhimii i kristalloghimii redkikh elementov AN SSSR (for Garmash). 4. Akademiya nauk Armyanskoy SSR (for Karamyan). 5. Baleyzoloto (for Sidorenko). 6. Institut geologii rudnykh mestorozhdeniy, petrografii, mineralogii i geokhimii AN SSSR (for Malinovskiy, Nevskiy, Pavlov, Chernyshev). 7. Moskovskiy geologorazvedochnyy institut im. S.Ordzhonikidze (for Ronenson). 8. Vsesoyuznyy nauchno-issledovatel'skiy institut mineral'nogo syr'ya (for Samonov). 9. Voronezhskiy universitet (for Sopko). 10. Kol'skiy filial AN SSSR (for Yudin).

(Ore deposits)

Rybalov, B. L.
RYBALOV, B. L.

Applicability of an ellipsoid of deformation in the study of structures
of ore fields and deposits. Trudy Inst.geol.nauk no.162:137-145 '55.
(Geology, Structural) (Ore deposits)

NYBALO

Geological characteristics and problems of the genesis of uranium
deposits occurring in black shales and carbonate rocks. Geol. rud.
Sovetsk. 7 no.2:3-24 Mr.-Ap '65. (MIRA 18:7)

RYBALOV, I., inzh.

Use of rapid hardening cements in the construction of reinforced
concrete vessels. Rech. transp. 19 no.11:31-32 N '60.

(Ships, Concrete)

(MIRA 13:11)

SIVERTSEV, Ivan Nikolayevich, doktor tekhn.nauk, prof.; BULAKH, G.D., dotsent, retsenzent; RYBALOV, I.I., red.; VITASHKINA, S.A., red. izd-va; KALMYKOVA, V.M., tekhn. red.

[Design and equipment of ships for inland navigation] Konstruktsiia i ustroistvo sudov vnutrennego plavaniia. Moskva, Izd-vo "Rechnoi transport." Pt.3 [Reinforced concrete vessels] Zhelezobetonnye suda. 1963. 170 p. (MIRA 16:6)
(Ships, Concrete)

AUTHOR: Rybalov, N. A.

S/006/60/000/03/012/019
B007/B123

TITLE: Helicopters in the Service of Geodesists

PERIODICAL: Geodeziya i kartografiya, 1960, Nr 3, pp 52 - 53 (USSR)

TEXT: For making a map of a scarcely populated area in the North, the teams Nr 47 and 51 tried to use a helicopter when working in the open air in 1959. For that purpose a ten-seat MI-4 helicopter and a two-seat MI-1 helicopter were used. In one flight the MI-4 transports a topographic team with full equipment and food provision for one month to its working place. The MI-1 can also be used for checking identification in the open air and for identifying horizontal and vertical reference marks. In 1959 these helicopters were used by the parties of M. Kh. Naumenko, V. N. Kalabanov, Ye. S. Zuyev, and I. M. Borovikov belonging to team Nr 51, and for the inspection of the team by V. V. Polevtsev, chief engineer of the Novosibirskoye AGP (Novosibirsk Aerogeodetic Enterprise). Considering the fact that the service of a helicopter is very expensive, a comparison was made to the costs of horse- and reindeer transportation. Even without taking into account the saving of time the results were in favor of helicopter service.

Card 1/1

L 14165-66 EWP(j)/EWT(d)/EWT(m)/EWP(b)/T/EWP(w)/EWP(t) IJP(c) EM/EM/WW/30
ACC NR: AP6003944 SOURCE CODE: UR/0374/65/000/005/0090/0094

AUTHOR: Rybalov, N. Ye. (Moscow); Gul', V. Ye. (Moscow)

ORG: none

TITLE: Research of dynamical ¹⁶fatigue in combined polymer ¹⁵film materials
1. Research of dynamical fatigue of combined films of polyethylene ^{15, 14, 15}foil

SOURCE: Mekhanika polimerov, no. 5, 1965, 90-94

TOPIC TAGS: fatigue test, polymer, polyethylene plastic, mechanical vibration, ~~old mechanical property~~

ABSTRACT: ²⁶Dynamical fatigue of combined film materials depending on frequency and amplitude of deformation was studied. Tests were carried out on an installation capable of reproducing mechanical vibration with a frequency range from 10—600 cycles per second. The objects to be tested were polyethylene-lined packages. Dependence of dynamical fatigue of polyethylene foil upon amplitude, frequency, and acceleration was determined. It was shown that in all cases the formation of cracks in and exfoliation of the foil from the polyethylene lining precede the destruction of material, the latter being caused by the polyethylene lining pierced by the foil edge at the place of the crack.

Cord 1/2

UDC: 678:620.169

L 14165-66

ACC NR: AP6003944

Orig. art. has: 5 figures. [Based on author's abstract].

SUB CODE: 11/ SUBM DATE: 18Feb65

Card 2/2

20

L 14841-66 EWT(m)/ EWP(w)/ EWP(j)/ T/ EWP(t)/ EWP(b) ID/DJ/RM
ACC NR: AP6005832 (A) SOURCE CODE: UR/0374/65/000/006/0120/0126

AUTHOR: Rybalov, S. L. (Moscow); Kragel'skiy, I. V. (Moscow) 68

ORG: none B

TITLE: Wear of rubber in the process of friction on a metal surface
(in application to packings for machine parts rotating at high speeds)

SOURCE: Mekhanika polimerov, no. 6, 1965, 120-126

TOPIC TAGS: synthetic rubber, ~~ceramic wear material~~, metal surface,
friction coefficient, thermal effect, ~~motion equation~~, packing material,
friction, solid mechanical property 11/44

ABSTRACT: An investigation of the wear of rubber was carried out on a metal surface at high rates of sliding causing increased contact temperatures of the order of 100 to 1250C. The author offers an equation associating the wear of rubber during friction on a metal surface with its elasticity, strength, and friction properties and the geometrical characteristics of the counterpart surface. The article also discusses the most important constants affecting the wear of rubber under the above conditions. The experimental results were in good agreement with the theoretical findings. Orig. art. has: 4 figures and 14 formulas.
[Based on author's abstract]

Card 1/2

UDC: 678.4:539.375

L 14841-66

ACC NR: AP6005832

SUB CODE: 11/ SUBM DATE: 27Feb65/ ORIG REF: 016

Card 2/2

FRANCOIS, J.M.; BYRANOV, S.L.

Temperature dependence of the specific wear of rubber gliding on
metal. Dokl. AN SSSR 164 no.5:1035-1036 O '65.

(MIRA 18:10)

1. Nauchno-issledovatel'skiy institut rezinovoy promyshlennosti.
Submitted February 20, 1965.

I. 40559-65 EWT(m)/EWP(j) Pc-4 RM/GS

ACCESSION NR: AT5004105

S/0000/64/000/000/0192/0199

AUTHOR: Rybalov, S. Sh.; Mal'chikova, Ye. V.; Tsybuk, B. S.

TITLE: Determination of rubber wear at high rotation velocities

SOURCE: Nauchno-tekhnicheskoye soveshchaniye po friktsionnomu iznosu rezin. Moscow, 1961. Friktsionnyy iznos rezin (Frictional wear of rubber); sbornik statey. Moscow, Izd-vo Khimiya, 1964, 192-199

TOPIC TAGS: rubber wear, rubber abrasion, frictional wear, abrasion tester, rubber packing

ABSTRACT: An apparatus and method have been developed to permit the testing of rubber packings for wear at high rotation velocities and simulated service conditions. The apparatus indicates pressure and axial force by means of an oscillograph, and a temperature recorder permits correlation of friction force, temperature and speed in determining the limiting service properties of the material. A number of modifications were employed to adapt a friction tester developed by the Institut mashinovedeniya Akademii nauk SSSR (Machine technology institute, AN SSSR) for the purpose, including an exchangeable insert of smooth stainless steel or any

Card 1/2

L 40559-65

ACCESSION NR: AT5004105

other desired material used as a friction partner; a membrane valve for exact application and control of pressure; and a rotating unit, as shown in Fig. 1 of the Enclosure. The specimens are tested under dry friction and the intensity of wear, I_T (mg/kg·m), is calculated the formula

$$I_T = \frac{q}{F L}$$

q being the weight loss in mg, F the friction force in kg, and L the friction path in m. Selected experimental results are shown graphically. Orig. art. has: 9 figures, 1 table and 2 formulas.

ASSOCIATION: None

SUBMITTED: 05Aug64

ENCL: 01

SUB CODE: MT, IE

NO REF SOV: 005

OTHER: 000

Card 2/3

L 2570-66 EWT(d)/EWT(m)/EWP(w)/EPT(c)/EWP(v)/EWP(j)/I/EWP(t)/EWP(k)/EWP(h)/
EWP(b)/EWP(l) JD/DJ/GS/RM

ACCESSION NR: AT5022683

UR/0000/65/000/000/0302/0306

AUTHOR: Rybalov, S. Sh.

TITLE: Thermally regulated machine for studying friction and wear of rubber on a metal surface

SOURCE: AN SSSR. Nauchnyy sovet po treniyu i smazkam. Teoriya treniya i iznosa (Theory of friction and wear), Moscow, Izd-vo Nauka, 1965, 302-306

TOPIC TAGS: rubber friction, rubber wear, friction measuring apparatus/ I 47 K 54
friction apparatus

ABSTRACT: To study independently the effects of pressure, speed, and temperature on friction and wear of rubber on a metal surface, machine I-47-K-54 (I. V. Kragel'skiy. Treniye i iznos v mashinakh. Mashgiz, 1962) was modernized by building a special "thermohead" (see Fig. 1 on the Enclosure) and by installing it on I-47-K-54 as shown in Fig. 2 on the Enclosure. The "thermohead" has a heater coil 3 and a cooling passage 2 through which cooled, dry air from bath 25 (see Fig. 2 on the Enclosure) can be introduced to the specimen 6 (Fig. 2 on the Enclosure). Thermocouple 4 senses the temperature after the rubber specimen 9 has been loaded pneumatically by diaphragm transducer 1 operated through valve 20 and reducer 19, and after a speed (20-4000 rpm) has been established. This temperature is compared with a desired Card 1/6

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ACCESSION NR: AT5022683

reference temperature, and the heater or cooling air valve is then relay-operated according to requirements. The friction torque is measured by a strain gage instrumented cantilever beam which supports a lever from the "thermohead." G. V. Dorofeyev participated in the building of the "thermohead." Orig. art. has: 4 figures. 44

ASSOCIATION: Nauchnyy sovet po treniyu i smazkam, AN SSSR (Scientific Committee on Friction and Lubrication, AN SSSR)

SUBMITTED: 18May65

ENCL: 04

SUB CODE: MT, ME

NO REF SOV: 004

OTHER: 000

Card 2/6

L 2570-66

ACCESSION NR: AT5022683

ENCLOSURE: 01

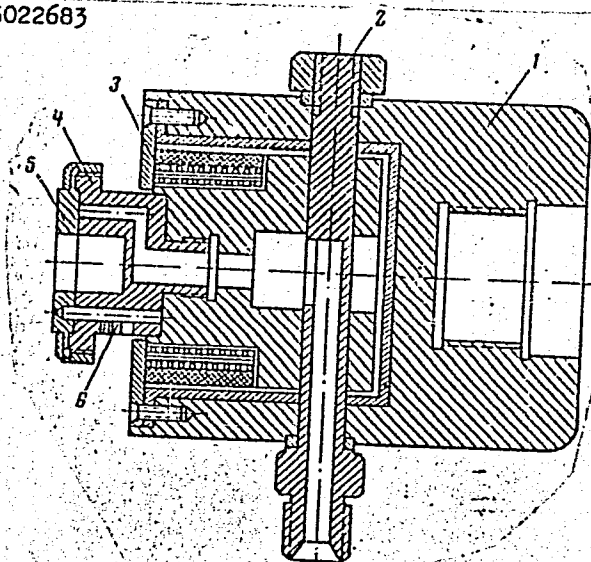


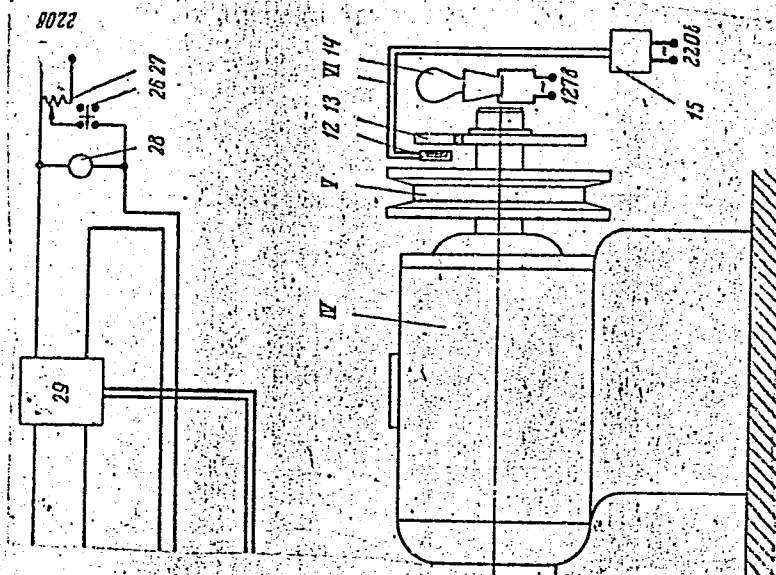
Fig. 1. "Thermohead" (nomenclature in text)

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L 2570-66

ACCESSION NO: AT5022683

ENCLOSURE: 02



Card 4/6

To Card 5/6

L 2570-66

ACCESSION NR: AT5022683

From Card 4/6

ENCLOSURE: 03

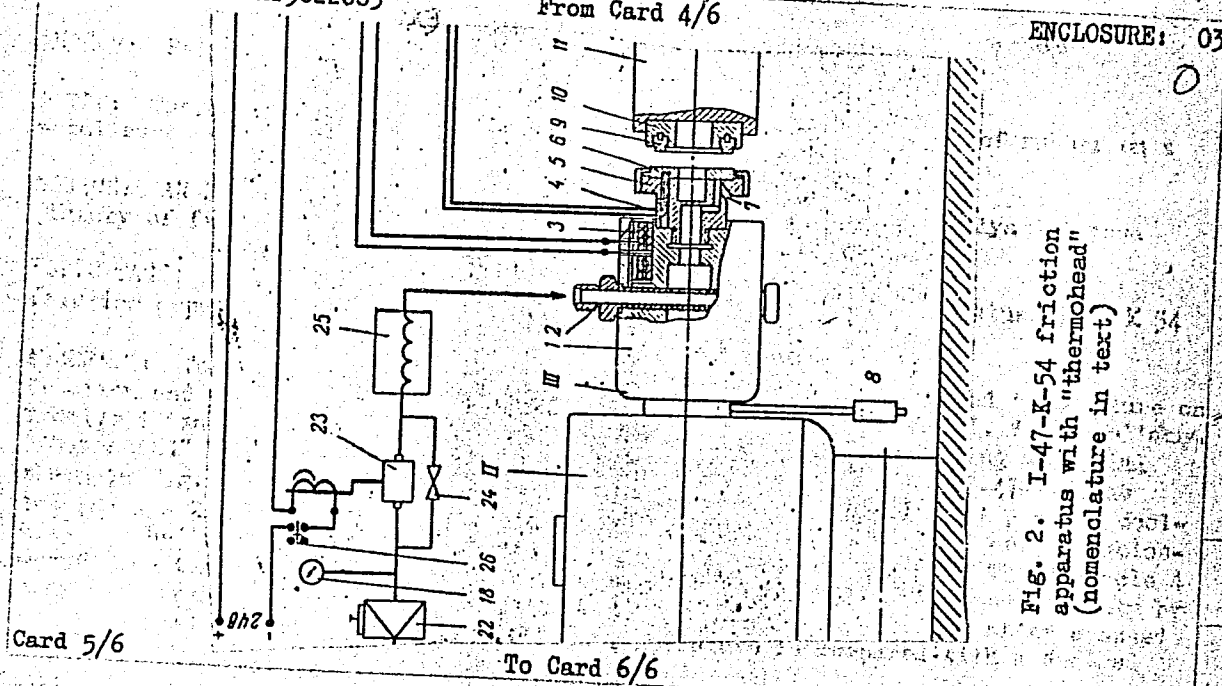


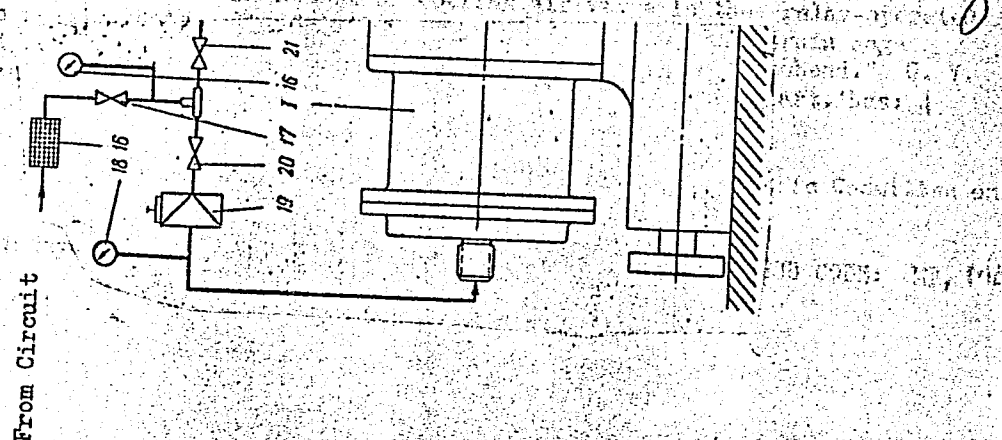
Fig. 2. I-47-K-54 friction apparatus with "thermohead" (nomenclature in text)

L 2570-66

ACCESSION NR: AT5022683

From Card 5/6

ENCLOSURE: 04



mg.
Card 6/6

L 15386-66 EWT(m)/EWP(w)/EWP(j)/T/EWP(t)/EWP(b) JD/DJ/RM

ACC NR: AP5026984

SOURCE CODE: UR/0020/65/164/005/1035/1036

AUTHOR: Kragel'skiy, I. V.; Rybalov, S. L.

ORG: Scientific-Research Institute of the Rubber Industry (Nauchno-issledovatel'skiy institut rezinovoy promyshlennosti)

TITLE: Temperature dependence of the specific wear during the sliding of rubber on metal

SOURCE: AN SSSR. Doklady, v. 164, no. 5, 1965, 1035-1036

TOPIC TAGS: rubber, wear resistance, temperature dependence

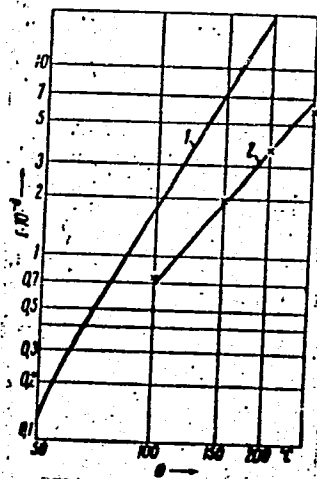
ABSTRACT: The authors carried out experimental determinations of the temperature dependence of the specific wear during the sliding of rubber on metal with the aim of checking the theoretical wear equations published earlier (I. V. Kragel'skiy, treniye i iznos, 1962; I. V. Kragel'skiy, Ye. F. Nepomnyashchiy, Izv. AN SSSR, Mekh. i mashinostr., no. 5, 1963). The tests were carried out with SKN18 + SKN26 rubber mixtures and the results are shown in Figure 1.

CARD: 1/3

UDC: 678.01:539.53

L 15386-66

ACC NR: AP5026984



1 - theoretical curve;
2 - experimental data

Figure 1. Specific wear versus temperature.

CARD: 2/3

L 15386-66

ACC NR: AP5026984

The experimental data differ from the theoretical predictions by only a factor of 3. A small discrepancy is to be expected because the values for the mechanical properties of rubber used for the theoretical predictions depend on the velocity and temperature-time conditions during their determination. The paper was presented by Academician P. A. Rebinder, 20 Feb 65. Orig. art. has: 4 formulas, 1 figure, and 2 tables.

SUB CODE: 11/ SUBM DATE: 17Feb65/ ORIG REF: 005

TS
CARD: 3/3

RYBALOVA, E.K.; TANANAYEVA, G.A.

Age relation of diabase porphyrite dikes and ore veinlets
in a uranium deposit. Geol. rud. mestorozh. 5 no.2:115-118
Mt-Ap '63. (MIRA 16:6)

(Dikes(Geology)) (Ore deposits)

KOSTERIN, A.V.; SHEVALEYEVSKIY, I.D.; RYBALOVA, E.K.

The Zn/Hf ratio in zircons of some igneous rocks on the northern slope
of the Kurama Range. Geokhimiia no.5:451-454 '60. (MIRA 13:8)

1. Far East Branch of the Academy of Sciences, U.S.S.R.
(Kurama Range—Rocks, Igneous) (Zirconium) (Hafnium)

L 00653-67 EWT(1)/EWP(m)/EWT(m) WW/JW

ACC NR: AT6023753 SOURCE CODE: UR/3149/66/000/003/0153/0161

AUTHOR: Yershin, Sh. A.; Rybalova, R. P.

ORG: none

TITLE: Thermal regime of ignition, in a Couette flow /

SOURCE: Alma-Ata. Kazakhskiy nauchno-issledovatel'skiy institut energetiki. Problemy teploenergetiki i prikladnoy teplofiziki, no. 3, 1966, 153-161

TOPIC TAGS: Couette flow, ignition, combustion, heat transfer

ABSTRACT: An analysis was made of the conditions for the ignition of a combustible gas mixture located between two flat plates having different temperatures. The cold plate moves relative to the hot plate and imparts motion to the fluid (Couette flow). Under such conditions, a velocity profile is established which depends on the viscosity. The heat transfer can take place under the following three conditions: 1) by conduction through the medium from the hot to the cold plate; 2) heat is transferred only through the cold plate, but not through the hot plate due to energy dissipation and chemical reaction; and 3) a temperature maximum is established in the flow due to a substantial chemical reaction. Two solutions were obtained. For the case where

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L 00653-67

ACC NR: AT6023753

ignition takes place at the wall, it was found that ignition takes place at a lower "hot" wall temperature when the thermal conductivity of the mixture, the time of heat removal, and the velocity of the cold plate increase. For the other case when ignition takes place in the flow, a formula was obtained for calculating the distance of the ignition center from the wall. Orig. art. has: 3 figures and 21 formulas. [PV]

SUB CODE: 21/ SUBM DATE: none/ ORIG REF: 005/ ATD PRESS: 5040

Card 2/2

ACC NR: AP6032975

SOURCE CODE: UR/0031/66/000/009/0048/0050

AUTHOR: Yershin, Sh. A.; Rybalova, R. P.; Yarin, L. P.

ORG: none

TITLE: Calculation of a ^{7/}diffusion flame ^{||} in the transient flow region

SOURCE: AN KazSSR. Vestnik, no. 9, 1966, 48-50

TOPIC TAGS: combustion, diffusion flame, propulsion, combustion rate, transient flow, flow velocity, turbulent flame

ABSTRACT: The length of diffusion flames in laminar flow regimes is directly proportional to the gas flow velocity. With increasing flow velocity, the flame becomes turbulent and the regime is transient. At high flow velocities, the flame is fully turbulent, and the length does not depend on the flow velocity. The turbulent and laminar regimes have been previously studied, but the transient regime, which involves both molecular and turbulent transfer, has not yet been thoroughly studied. In the present study, experiments in the transient regime were made with carbon monoxide and hydrogen combustion, and the following formula was derived for calculating the flame length:

$$\frac{l_f}{d} = \beta \frac{Re}{K_r Re + \left(\frac{1}{Sc} - K_r \right) e^{-\alpha' R_0}}$$

Card 1/3

L 08569-67

ACC NR: AP6032975

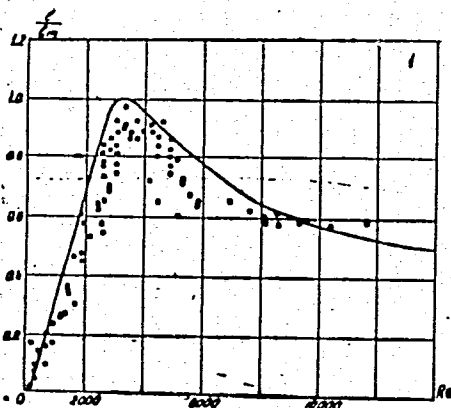


Fig. 1

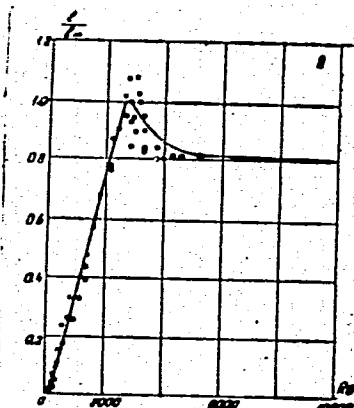


Fig. 2

Figs. 1 and 2. Comparison of calculated and experimental results on the dependence of the flame length of the Reynolds number

Fig. 1. Carbon monoxide; $Re_{max} = 3300$; $Re_{cr} = 2700$; $k_T = 1.115 \cdot 10^{-3}$; $\alpha = 0.0001815$.

Fig. 2. Hydrogen; $Re_{max} = 2700$; $Re_{cr} = 2700$; $k_T = 0.3 \cdot 10^{-3}$; $\alpha = 0.00154$.

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L 08569-67

ACC NR: AP6032975

where S_c is the Schmidt number; K_T , empirical coefficient in the expression for eddy diffusivity; l_f , flame length; d , burner diameter; u , gas flow velocity; β , a coefficient allowing for the physico-chemical properties of the gas; D , diffusivity; Re , Reynolds number; and α is given by

$$\alpha^2 = \frac{1}{Re_{max} [Re_{max} K_T S_c - 1]}$$

(where Re_{max} = the Reynolds number corresponding to the maximum flame length); α can be determined experimentally. R_* is given by $D_{*T} = D_T + (D_M - D_T) e^{-\alpha R_*}$, where D_{*T} is overall molecular-eddy diffusivity, D_T is the eddy diffusivity, and D_M is the molecular diffusivity. Orig. art. has: 2 figures and 4 formulas. [WA No. 68]

SUB CODE: 21/ SUBM DATE: none/ ORIG REF: 008/ OTH REF: 003

Card 3/3

KHIVATOV, A.; MATSOVYKO, A.; RYBAL'SKAYA, M.

Our goal is profitability! Pech. transp. 23 no.12:9-10 D '64.
(MIRA 18:6)

1. Nacal'nik otдела passazhirskikh perevozek Severo-zapadnogo
rechnogo parokhodstva (for Khvatov). 2. Leningradskiy institut
vodnogo transporta (for Matsvoyko, Rybal'skaya).

RYBAL'SKAYA, M.B., starshiy nauchnyy sotrudnik

Lintier with a two cylinder cleaner-feeder. Tekst.prom. 20
no.8:16-18 Ig '60. (MIRA 13:9)

1. TSentral'nyy nauchno-issledovatel'skiy institut khlopkovoy
promyshlennosti.
(Textile machinery)

RYBAL'SKAYA, M. B., Cand Tech Sci -- (diss) "Research and development of cleaner-feeder down-separator." Tashkent, 1960. 15 pp; (State Committee of Higher and Secondary Specialist Education under the Council of Ministers Uzbek SSR, Tashkent Textile Inst); 220 copies; price not given; (KL, 28-60, 161)

SAMANDAROV, S. A. , kand. tekhn. nauk; RYBAL'SKAYA, M. B. , starshiy nauchnyy
sotrudnik

For a more thorough cleaning of cotton in ginning. Tekst.prom. 20
no.9:10-13 S '60. (MIRA 13:10)

1. Rukovoditel' laboratorii ochistki i voloknootdeleniya Tsentral'-
nogo nauchno-issledovatel'skogo instituta khlopkovoy promyshlennosti.
(Cotton gins and ginning)

MALYY, P.A., kand.tekhn.nauk; MYBAL'SKAYA, M.M., inzh.

Plans for the architectural and constructional type of specialized
vessels for livestock transportation. Trudy LIT no.65:36-48 '64.
(MIRA 18:10)

GAFT, Ya.M.. kand.med.nauk; Primalni uchastiye: BRANZBURG, N.A., vrach;
GOL'TS, I.P., vrach; GORELIK, Ye.S.. vrach; ZVONKINA, O.M., vrach;
LIVSHITS, R.I., vrach; LUR'YE, Ye.L., vrach; OZHE, N.B., vrach;
RYBAL'SKAYA, V.G., vrach; CHELNOKOVA, A.K., vrach; YAVORSKIY, A.V.,
vrach

Dynamics of the tuberculous process in patients transferred to the
third group of dispensary registration. Probl. tub. 38 no.3:3-8
'60. (MIRA 14:5)

1. Iz protivotuberkuleznogo dispansera No.4 Moskvy (glavnyy vrach -
zasluzhennyy vrach RSFSR S.M.Zamukhovskiy).
(TUBERCULOSIS)

RYBAL'SKAYA, Yu. N.

Treatment of sympathetic inflammation with antibiotics.

Vest. oft., Moskva 33 no.1:42 Jan-Feb 1954. (OJML 25:5)

1. Of the Eye Clinic (Director -- Prof. L.F. Paradoksov),
Stalinabad Medical Institute.

RYBAL'SKAYA, Yu. N.: Master Med Sci (diss) -- "Material on the X-ray diagnosis of foreign bodies in the eye ball". Smarkand, 1958. 19 pp (Samarkand State Med Inst Im Acad I. P. Pavlov), 200 copies (KL, No 13, 1959, 113)

USSR / Human and Animal Morphology (Normal and Pathological).
Methods and Techniques of Investigation.

S

Abstr Jour : Ref Zhur - Biologiya, No 1, 1959, No. 2873

Author : Rybal'skaya, Yu. N.

Inst : Not given

Title : X-Ray Method of Determination of the Size of the
Eyeball in Vivo

Orig Pub : Zdravookhr. Tadzhikistana, 1958, No 1, 34-36

Abstract : On the basis of literary data and studies on 20
patients the author considers that the measurements
of the eyes can be established by the method of
Paradoksoy by changing the cloudiness of refracting
media with an accuracy of 0.5-1 mm. On films with
oblique direction of the gaze the true measurements
of the eyeball cannot be established.

Card 1/1

RYBAL'SKAYA, Yu. N., assistant.

Glaucoma in Tajikistan. Trudy AN Tadzh. SSR 40:111-114 '55.

(MLRA 9:10)

1. Iz kafedry glaznykh bolezney (zav. - prof. L.F. Paradoksov; deceased)
Stalinabadskogo gosudarstvennogo meditsinskogo instituta imeni Abuali
ibn-Sino (dir. -chl. -korr. Akademii nauk Tadzhikskoy SSR, Ya.A.Ra-
khimov). (TAJIKISTAN--GLAUCOMA)

RYBAL'SKIY, M. J.

36963. Katamnestichekoye obsledovaniye bol'nykh, podvergayshikisya elektrosudorozhnoy terapii. Nevropatologiya i psikhatriya, 1949, No. 6, c. 48-51.

SO: Letopis' Zhurnal'nykh Statey, Vol. 50, Moskva, 1949

RYBAL'SKIY, M. I.

"Problems in Establishing and Organizing the Work of Rayon
Psychoneurological Hospitals." Cand Med Sci, Central Inst for
the Advanced Training of Physicians, 19 Oct 54. (WH, 24 Sep 54)

SO: Suk 432, 29 Mar 55

KLISENKO, Yu.F.; PIDZHIYANTS, S.A.; RUTKOVSKIY, B.I.; RYBAL'SKIY, V.I.;
SAPOZHNIKOV, F.V.; SLIPCHENKO, P.S.; SHIMKEVICH, K.A.

Flow-line construction of large thermal electric plants. From.
stroi. 39 no.10:8-13 0 '61. (MIRA 14:10)

1. Yuzhenergostroy (for Klisenko).
 2. Akademiya stroitel'stva i arkhitektury USSR (for Pidzhiyants, Rutkovskiy, Rybal'skiy, Slipchenko).
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 4. Orgenergostroy (for Shimkevich).
- (Building) (Electric power plants)

RYBAL'SKIY, M.I., kand. med. nauk; TOKIN, G.P.; GISSFN, L.D.;
FEDOTOV, D.D., prof., otv. red.; ROKHLIN, L.L., prof.,
red.; GOL'LOVSKAYA, T.I., kand. med. nauk, red.

[Daily records for patients in psychiatric hospitals]
Opyt odnodnevnogo ucheta bol'nykh v psikhiatricheskikh
statsionarakh. Moskva, TSentr.Mosk. obl.klinicheskaya
psikhiatricheskaya bol'nitsa, 1963. 78 p.

(MIRA 16:12)

1. Direktor Gosudarstvennogo nauchno-issledovatel'skogo
instituta psikiatrii Ministerstva zdravookhraneniya
RSFSR (for Fedotov).

(MOSCOW PROVINCE--PSYCHIATRIC HOSPITALS--ACCOUNTING)

RYBAL'SKIY, M.I. (Moskva)

Compulsory treatment of chronic alcoholics. Trudy Gos. nauch.-
issl. inst. psikh. 38:400-408 '63 (MIRA 16:11)

*

Rybal'skiy, V.I.

AGALINA, M.S., inzh.; AKUTIN, T.K., inzh.; APRESOV, A.M., inzh.; ARISTOV, S.S., kand. tekhn. nauk.; BELOSTOTSKIY, O.B., inzh.; BERLIN, A.Ye., inzh.; BESSKIY, K.A., inzh.; BLYUM, A.M., inzh.; BRAUN, I.V., inzh.; BRODSKIY, I.A., inzh.; BURAKAS, A.I., inzh.; VAYNMAN, I.Z., inzh.; VARSHAVSKIY, I.N., inzh.; VASIL'YEVA, A.A., inzh.; VORONIN, S.A., inzh.; VOYTSEKHOVSKIY, L.K., inzh.; VRUBLEVSKIY, A.A., inzh.; GERSHMAN, S.G., inzh.; GOLUBYATNIKOV, G.A., inzh.; GORLIN, M.Yu., inzh.; GRAMMATIKOV, A.N., inzh.; DASHEVSKIY, A.P., inzh.; DIDKOVSKIY, I.L., inzh.; DOBROVOL'SKIY, N.L., inzh.; DROZDOV, P.F., kand. tekhn. nauk.; KOZLOVSKIY, A.A., inzh.; KIRILENKO, V.G., inzh.; KOPELYANSKIY, G.D., kand. tekhn. nauk.; KORETSKIY, M.M., inzh.; KUKHARCHUK, I.N., inzh.; KUCHER, M.G., inzh.; MERZLYAK, M.V., inzh.; MIRONOV, V.V., inzh.; NOVITSKIY, G.V., inzh.; PADUN, N.M., inzh.; PANKRAT'YEV, N.B., inzh.; PARKHOMENKO, V.I., kand. biol. nauk.; PINSKIY, Ye.A., inzh.; PODLUBNYI, S.A., inzh.; PORAZHENKO, F.F., inzh.; PUZANOV, I.G., inzh.; REDIN, I.P., inzh.; REZNIK, I.S., kand. tekhn. nauk.; ROGOVSKIY, L.V., inzh.; RUDERMAN, A.G., inzh.; RYBAL'SKIY, V.I., inzh.; SADOVNIKOV, I.S., inzh.; SEVER'YANOV, N.N., kand. tekhn. nauk.; SEMESHKO, A.T., inzh.; SIMKIN, A.Kh., inzh.; SURDUTOVICH, I.N., inzh.; TROFIMOV, V.I., inzh.; FEFER, M.M., inzh.; FIALKOVSKIY, A.M., inzh.; FRISHMAN, M.S., inzh.; CHERESHNEV, V.A., inzh.; SHESTOV, B.S., inzh.; SHIFMAN, M.I., inzh.; SHUMYATSKIY, A.F., inzh.; SHCHERBAKOV, V.I., inzh.; STANCHENKO, I.K., otv. red.; LISHIN, G.L., inzh., red.; KRAVTSOV, Ye.P., inzh., red.; GRIGOR'YEV, G.V., red.; KAMINSKIY, D.N., red.; KRASOVSKIY, I.P., red.; LEYTMAN, L.Z., red. [deceased]; GUREVICH, M.S., inzh., red.; DANILEVSKIY, A.S., inzh., red.; DEMIN, A.M., inzh., red.; KAGANOV, S.I., inzh., red.; KAUFMAN, B.N., kand. tekhn. nauk., red.; LISTOPADOV, N.P., inzh., red.; MENDELEVICH, I.R., inzh., red. [deceased];
(continued on next card)

AGALINA, M.S.... (continued) Card 2.

PENTKOVSKIY, N.I., inzh., red.; ROZENBERG, B.M., inzh., red.; SLAVIN, D.S., inzh., red.; FEDOROV, M.P., inzh., red.; TSYMBAL, A.V., inzh., red.; SMIRNOV, L.V., red. izd-va.; PROZOROVSKAYA, V.L., tekhn. red.

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(Mining engineering)

(Building)

SLIPCHENKO, P.S., doktor tekhn. nauk; RYBAL'SKIY, V.I., kand. tekhn. nauk

Using network scheduling at construction projects of the Ukraine.
Izvest. stroit. 42 no. 6:2-3 '65. (MIRA 18:12)

SLIPCHENKO, P.S., glav. red.; KUCHERENKO, K.R., red.; FILONENKO, K.I., red.; LESNAYA, A.A., red.; ABYZOV, A.G., red.; BUDNIKOV, M.S., red.; VETROV, Yu.A., red.; GLADKIY, V.I., red.; GOLOSOV, V.A., red.; IZMAYLOV, V.G., red.; KANYUKA, N.S., red.; KAIPOV, E.A., red.; KLINDUKH, A.M., red.; KUSHNAREV, N.Ye., red.; LUYK, A.I., kand. tekhn. nauk, red.; NEMENKO, L.A., red.; RYBAL'SKIY, V.I., red.; SITNIK, I.P., red.; FEDOSENKO, N.M., red.; FILAKHTOV, A.L., kand. tekhn. nauk, red.; KHILOBOCHENKO, K.S., red.; VORONKOVA, L.V., red.; KIYANICHENKO, N.S., red.

[Construction industry: technology and mechanization of the construction industry; the economics and organization of construction] Stroitel'noe proizvodstvo: tekhnologiya i mekhanizatsiya stroitel'nogo proizvodstva; ekonomika i organizatsiya stroitel'stva. Kiev, Budivel'nyk, 1965. 180 p. (MIRA 18:4)

1. Nauchno-issledovatel'skiy institut stroitel'nogo proizvodstva. 2. Nauchno-issledovatel'skiy institut stroitel'nogo proizvodstva (for Luyk, Filakhtov).

BUDNIKOV, Mikhail Sergeyevich, doktor tekhn. nauk, prof.; NEDAVNIY, Pavel Il'ich, kand. tekhn. nauk; RYBAL'SKIY, Viktor Isayevich, kand. tekhn. nauk; REZNICHENKO, I.Ye., red.; IPATEVA, S.A., tekhn. red.

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(MIRA 15:3)

1. Deystvitel'nyy chlen Akademii stroitel'stva i arkhitektury SSSR (for Budnikov).

(Construction industry)

BELOSTOTSKIY, O.B.; GOLOSOV, V.A.; RYBAL'SKIY, V.I.

Planning assembly-line construction of industrial plants.
Prom.stroi. 38 no.6:13-21 '60. (MIRA 13:7)

1. Nauchno-issledovatel'skiy institut organizatsii i mekhanizatsii stroitel'nogo proizvodstva Akademii stroitel'stva i arkhitektury USSR.

(Assembly-line methods)
(Factories—Design and construction)

PONOMARENKO, A. I., inzh. RYBAL'SKIY, V. I., kand. tekhn. nauk

Rapid assembly-line construction of units for crushing ore. Shakht.
stroitel'stvo no. 10:28-31 0 '60. (MIRA 13:11)

1. Trest Krivorozhaglostroy (for Ponomarenko). 2. Nauchno-issledovatel'skiy institut stroitel'nogo proizvodstva Akademii stroitel'stva i arkhitektury USSR (for Rybal'skiy).

(Krivoy Rog Basin--Ore dressing--Equipment and supplies)

RYBAL'SKIY, V. I.: Master Tech Sci (diss) -- "Continuity in the construction of mine enterprises". Kiev, 1959. 16 pp (Acad Construction and Architecture Ukr SSR, Sci Res Inst of the Organization, Mechanization, and Economics of Construction), 100 copies (KL, No 13, 1959, 107)

RYBAL'SKIY V.I., inzhener

Method of planning assembly-line construction methods for heterogeneous structures. Stroi. prom. 33 no.5:12-16 My '55.

(Building)

(MLRA 8:6)

RYBAL'SKIY, Viktor Isayevich; RUDERMAN, A.G., otvetstvennyy red.; SAVIN, M.M.,
red.izdatel'stva; ALADOVA, Ye.I., tekhn.red.

[Continuous operation in construction of enterprises of the coal
industry] Potochnost' v stroitel'stve predpriyatii ugol'noi
promyshlennosti. Moskva, Ugletekhizdat, 1957. 107 p. (MIRA 10:12)
(Coal preparation)

L 27447-66 EWT(1)/EWP(e)/EWT(m)/EWP(t)/EWP(h) IJP(c) JD/WW/JW/JG/GG/WH
 ACC NR: AP5027399 SOURCE CODE: UR/0181/65/007/011/3234/3240
 AUTHOR: Kask, N. Ye.; Korniyenko, L. S.; Rybal'tovskiy, A. O. 62
 CRG: Moscow State University im. M. V. Lomonosov (Moskovskiy gosudarstvennyy univer- B
 sitet)
 TITLE: Rhombic EPR spectra of triply ionized dysprosium and neodymium ions in
 fluorite 5, 44 27 27
 SOURCE: Fizika tverdogo tela, v. 7, no. 11, 1965, 3234-3240
 TOPIC TAGS: EPR, fluorite, crystal, ^{21, 44, 55} EPR spectrum, dysprosium, neodymium, ion,
 gamma irradiation, crystal structure
 ABSTRACT: The EPR spectra of Dy³⁺ and Nd³⁺ ions in CaF₂ crystals grown in the pres-
 ence of oxygen were investigated. Rhombic spectra with one of the magnetic axes along
 the direction [110] and the other two in the plane (110) and displaced by different
 angles from the directions [001] and [110] were observed for both ions. The exposure
 to gamma irradiation resulted in the appearance of a trigonal spectrum of Dy³⁺, a
 spectrum of Dy²⁺ with initial splitting $\Delta = 0.26 \pm 0.03 \text{ cm}^{-1}$, and a new rhombic spec-
 trum of Nd³⁺. Investigations were also made of the temperature dependence of the re-
 laxation time of one of the rhombic spectra of the Nd³⁺ ion and of the Dy³⁺ ion. The
 experimental data obtained were used in an analysis of the possible crystal structure
 of the matrix near the paramagnetic ions in fluorite. Orig. art. has: 3 formulas,
 3 figures, and 2 tables. [CS]
 Card 1/2

L 27447-66

ACC NR: AP5027399

SUB CODE: 20/ SUBM DATE: 13May65/ ORIG REF: 005/ OTH REF: 006/ ATD PRESS: 0

4157

Cord 2/2

20

L 31320-65 EWP(s)/EWT(m)/EWP(t)/EWP(b) LJP(c) JD/JW/JG/WH

ACCESSION NR: AP5005327

S/D181/65/007/002/0663/0665

26
25
15
8

AUTHOR: Kask, N. Ye.; Korniyenko, L. S.; Rybaltovskiy, A. O.

TITLE: Electron paramagnetic resonance of irradiated monocrystals of fluorite containing neodymium impurity

SOURCE: Fizika tverdogo tela, v. 7, no. 2, 1965, 663-665

TOPIC TAGS: electron paramagnetic resonance, fluorite, neodymium impurity, doped fluorite, radiation defect, gamma bombardment

ABSTRACT: Electron paramagnetic resonance was investigated in fluorite monocrystals containing isomorphous Nd^{3+} impurity ions bombarded with 1.2-Mev gamma rays. The dose was sufficiently large (10^7 r) to make it possible to assume that additional exposure to irradiation would cause no considerable changes in the effects under investigation. The neodymium concentration of the samples was 0.02, 0.07, and 0.4 percent. The EPR of the irradiated samples was conducted in the SHF range ($\lambda = 2-3$ cm). Although the absorption spectra of the irradiated samples indicated the appearance of Nd^{2+} ions, no EPR spectra attributable to this impurity were observed. It is probable that the lower state of Nd^{2+} is a singlet. The EPR spectra of ions in a tetragonal field of symmetry did not change with irradiation.

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ACCESSION NR: AP5005327

Upon bombardment of samples with an Nd concentration of 0.07 percent, the intensity of the EPR spectra of ions in the other field of symmetry found in nonirradiated samples (orthorhombic field of symmetry) decreased by one-half. In samples with an Nd concentration of 0.4 percent intensity decreased by a factor of 1.3. A new EPR spectrum of Nd^{3+} was also observed. When the field was applied along the $\langle 001 \rangle$ axis of the unit cube (cell) consisting of the eight ions F^- , the spectrum consisted of two lines with g-factors of 1.88 and 3.75. The half-width of one of the lines was 80 Oe. The two lines split into eight and four components, respectively, when the direction of the magnetic field was changed. The angular dependence of the 12 components indicates that they are formed by ions in a field of the same symmetry although each component has different directions of three mutually perpendicular axes. The intensity of the new spectra was directly proportional to the weakening of the intensity of the EPR spectrum of the orthorhombic field symmetry. When the samples were heated to temperatures of 150—200°C, the EPR spectra caused by irradiation disappeared and the intensity of the orthorhombic spectra was restored. It was concluded that the new spectrum arose as a result of the effect of irradiation on the Nd^{3+} ions which produce the orthorhombic EPR spectrum. Since no changes were observed in the tetragonal spectra and no Nd^{3+} ions were found in the cubic field of symmetry, it was assumed that the ions in the rhombohedral field of symmetry prior to bombardment are responsible for the appearance of Nd^{2+} ions. [CS]

Card 2/3

L 31320-65

ACCESSION NR: AP5005327

ASSOCIATION: Moskovskiy gosudarstvennyy universitet im. M. V. Lomonosova (Moscow
State University)

SUBMITTED: 08Aug64

ENCL: 00

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NO REF SOV: 001

OTHER: 003

ATD PRESS: 3198

YUSHCHENKO, A., prof.; RYBALTOVSKIY, N., prof.

Preserve the five-digit navigation tables. Mor. flot 24 no.9:19-20 S
(MIRA 18:5)

1. Zaveduyushchiy kafedroy sudovozhdeniya Leningradskogo vysshego
inzhenernogo morekhodnogo uchilishcha imeni admirala S.O. Makarova
(for Yushchenko). 2. Zaveduyushchiy kafedroy morekhodnoy astronomii
Leningradskogo vysshego inzhenernogo morekhodnogo uchilishcha imeni
admirala S.O. Makarova (for Rybaltovskiy).

RYBALTOVSKIY, N., prof.; KRASAVTSEV, B., dotsent

Concerning a practically unusable method of determining the
compass error. Mor.flot 21 no.1:21-23 Ja '61. (MIRA 14:6)

1. Leningradskoye vyssheye inzhenernoye morskoye uchilishche
im. admirala Makarova (for Rybaltovskiy).
(Nautical astronomy)

RYBALTOVSKIY, N., prof.

Interesting book. Mor. flot 23 no.9:44 S '63. (MIRA 16:11)

1. Zaveduyushchiy kafedroy morekhodnoy astronomii Lenin-
gradskogo vysshego inzhenernogo morskogo uchilishcha im.
admirala Makarova.

RYBALTOVSKIY, N.Yu.

PHASE I

TREASURE ISLAND BIBLIOGRAPHIC REPORT

AID 133 - I

Call No.: AF523537

BOOK

Author: RYBALTOVSKIY, N. Yu., Prof., Dr. of Naval Sciences

Full Title: MAGNETIC THEORY OF THE COMPASS

Transliterated Title: Magnitno-kompasnoye delo

Publishing Data

Originating Agency: None

Publishing House: Publishing House "Morskoy Transport"

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Appraiser: Gedrimovich, A.P.

Assist. Prof.,

Shandabylov, V. D.

Alexandrovskiy, V. V.,

Capt. U.S.S.R. Navy

Text Data

Coverage: The theoretical part covers the magnetic forces acting on the compass needle. In the practical part the measurement of these forces and their counterbalancing are established. By this means, the remaining compass deviation, if any: semicircular, quaternary, electromagnetic, and from listing, is determined by several methods and then neutralized.

1/2

RYBALTOVSKIY, N.Yu.

Magnitno-kompasnoye delo

AID 133 - I

Comments: A comprehensive textbook, based on sources from 1857 to 1949, adaptable for practical use.

Purpose: Approved by the Main Department of Schools of the Ministry of the Navy, U.S.S.R., as a text in the master mariners' departments of higher marine academies.

Facilities: None

No. of Russian and Slavic References: 52. A list of the 41 published works.

Available: A.I.D., Library of Congress.

2/2

RYBALTOVSKIY, N.Yu.; PONIKAROVSKIY, G.N.; DOROFEEV, I.T.; ANASHKIN,
I.A., redaktor; KRYLOV, P.S., redaktor; KONOVALOVA, Ye.K.; tekhnicheskiiy redaktor

[Fundamentals of navigations] Osnovy korablevozhdenia. Moskva,
Voen. izd-vo Ministerstva oborony Soluza SSR, 1954. 167 p.
(Navigation--Study and teaching) (MLRA 8:7)

RYBALTOVSKIN, Nikolay Yul'yevich, professor, doktor voyenno-morskikh nauk;
SHANDUBYLOV, V.D., kapitan I ranga, retsenzent; YUSHCHENKO, A.P.,
redaktor; VOLCHOX, K.M., tekhnicheskij redaktor.

[The magnetic compass] Magnitno-kompassnoe delo. Leningrad, Gos. izd-
vo vodnogo transporta, 1954. 419 p. [Microfilm] (MIRA 8:1)
(Compass)

RYBALTOVSKIY, N. YU.

The Committee on Stalin Prizes (of the Council of Ministers USSR) in the fields of science and inventions announces that the following scientific works, popular scientific books, and textbooks have been submitted for competition for Stalin Prizes for the years 1952 and 1953. (Sovetskaya Kultura, Moscow, No. 22-40, 20 Feb - 3 Apr. 1954)

<u>Name</u>	<u>Title of Work</u>	<u>Nominated by</u>
Rybaltofskiy, N. Yu.	"About the Magnetic Compass" (student manual)	Leningrad Higher Maritime School

SO: W-30604, 7 July 1954

GOLUBEV, Genrikh Aleksandrovich; D'YAKONOV, Vasiliy Fomich; KRASAVTSEV, Boris Ivanovich; MURMANSKIY, Feliks Nikolayevich; NASTAY, Napoleon Napoleonovich; YERMAKOV, I.G., kand. fiz.-matem.nauk, retsenzent; ZHEREBTSOV, M.N., prepodavatel', retsenzent; RYBALTOVSKIY, N.Yu., prof., red.; FRISHMAN, Z.S., red.izd-va; STUL'CHIKOVA, N.P., tekhn. red.

[Problems in nautical astronomy] Zadachnik po morekhodnoi astronomii. Leningrad, Izd-vo "Morskoi transport," 1963. 287 p.
(MIRA 17:3)

1. Arkhangel'skoye morekhodnoye uchilishche (for Zherebtsov).

RYBALTOVSKIY, N.Yu., prof.

Analyzing the accuracy of astronomical tables published in
MT-53. Biul. Upr. Glav. rev. po bezop. moreplav. no. 13:14-36
59. (MIRA 15:9)

1. Leningradskoye vyssheye inzhenernoye morskoye uchilishche
im. admirala Makarova.

(Nautical astronomy--Tables, etc.)

KRASAVTSEV, Boris Ivanovich, dotsent; KHLIUSTIN, Boris Pavlovich
[deceased]; CHERNIYEV, L.P., dotsent, retsenzent; RYBALTOVSKIY,
N.Yu., prof., red.; FRISHMAN, Z.S., red.izd-vn; KOTLYAKOVA,
O.I., tekhn.red.

[Nautical astronomy] Morekhodnaia astronomiia. Leningrad,
Izd-vo "Morskoi transport," 1960. 492 p. (MIRA 14:2)
(Nautical astronomy)

KOZHUKHOV, V.P., dotsent; VORONOV, V.V., kand.tekhn.nauk; GRIGOR'YEV,
V.V., inzh.; ZAKHAROV, V.K., kand.fiz.-matem.nauk, retsenzent;
RYBALTOVSKIY, M.Yu., prof., spetsred.; DENISOV, K.N., red.izd-va;
DROZHZHINA, L.P., tekhn.red.

[Deviations of the magnetic compass] Deviatsia magnitnogo
kompasa. Leningrad, Izd-vo "Morskoi transport," 1960. 291 p.
(MIRA 13:11)

(Compass)

1947, U. S. Cand Veterin. Sci

Dissertation: "Epizootiology of Equine Oxyuriasis and the Biology of its Causative Agent."
All-Union Inst of Helminthology imeni Academician K. I. Skryabin, 20 Nov 47.

30: Vechnaya Moskva, Nov, 1947 (Project #17836)

RYBALTOVSKIY, O. V.

Rybaltovskiy, O. V. - "The epizootology of oxiuriasis of horses and the biology of its causative agent", (Thesis of a candidate's dissertation), Trudy Gel'mintol. laboratorii (Akad. nauk SSSR), Vol. 11, 1949, p. 235-37.

SC:- U-4630, 16 Sept. 53, (Letopis 'Zhurnal 'nykh Statey, No. 23, 1949).

RYBALTOVSKIY, O. V.

N/5
648.63

Chastnyye metodiki laboratornykh i klinicheskikh zanyatiy po veteri-
narnoy parazitologii (Practical Methods of Laboratory and Clinical
Study in Veterinary Parasitology, by) I. V. Orlov, N. I. Agrinskiy, i
O. V. Rybaltovskiy. Moskva, Selkhozgiz, 1954.

171 p. Diagsr., Tables.

"Literatura": p. (170)

RYBALTOVSKIY, O. V.

USSR/Medicine - Veterinary

FD-1312

Card 1/1 : Pub 137-12/22

Author : Rybaltovskiy, O. V., Candidate of Veterinary Sciences

Title : Treatment of tapeworm-infested geese with Cucurbita seed kasha from which fat was removed

Periodical : Veterinariya, 9, 42-43, Sep 1954

Abstract : Cucurbita seeds have been successfully used in the treatment of tapeworm infested geese. Three regular feeding periods of geese were supplemented with decocted or ground Cucurbita seed kasha from which fat was removed. This caused excretion of D. lanceolata freeing them from Drepanidium infestation. The chair of parasitology of the Moscow Technological Institute of the Meat and Dairy Industry has recommended this method of treatment. Table.

Institution : Moscow Technological Institute of the Meat and Dairy Industry

Submitted :

RYBALTOVSKIY, O.V., dotsent.

Carbon tetrachloride in the treatment of ascariasis in chickens.
Veterinariia 32 no.12:41 D '55. (MLRA 9:4)

1. Moskovskiy tekhnologicheskii institut myasnoy i mlechnoy promyshlennosti.

(POULTRY--DISEASES)(ASCARIDS AND ACARIASIS)(CARBON TETRACHLORIDE--THERAPEUTIC USE)

RYBALTOVSKIY, O.V., kandidat veterinarnykh nauk.

Discovery of gastrothylaxis in cattle. Dokl.Akad.sel'khoz.22 no.1:
38-41 '57. (MLRA 10:2)

1. Moskovskiy tekhnologicheskoy institut myasnoy i molochnoy pro-
myshlennosti. Predstavlena sanitarno-zoogigiyenicheskoy sektiye
Vsesoyuznoy ordena Lenina akademii sel'skokhozyaystvennykh nauk
imeni V.I.Lenina.

(Trematoda) (Cattle--Diseases and pests)

KOVALEVA, Ye.P.; RYBALTOVSKIY, O.V.; IVANOVA, M.A.; DEDASH, V.G.

Complement fixation reaction for toxoplasmosis in swine and
cattle. Veterinariia 39 no.8:24-26 Ag '62. (MIRA 17:12)

KOMKOV, I.P., prof.; RYBALTOVSKIY, O.V., dotsent; DIVINSKIY, A.F., kand.
khim. nauk; CHERNOVA, L.V., laborantka; KHATIN, M.G., prof.;
SHUSTOV, Yu.P.

Preparation D-33 as an activating agent for chlorophos.
Veterinariia 41 no.2:58-59 F '64. (MIRA 17:12)

1. Moskovskiy tekhnologicheskii institut myasnoy i molochnoy
promyshlennosti (for Komkov, Rybaltovskiy, Divinskiy, Chernova).
2. Vsesoyuznyy nauchno-issledovatel'skiy institut veterinarnoy
sanitarii (for Khatin). 3. Glavnyy veterinarnyy vrach sovkhoza
"Iskra" Moskovskoy oblasti (for Shustov).

KOVALEVA, Ye.P.; RYBALTOVSKIY, O.V.; IVANOVA, M.A.; BLINOVA, M.I.

Results of examining animals for toxoplasmosis using the
complement fixation reaction. Veterinariia 42 no.5:70-71
My '65. (MIRA 18:6)

RYBALTOVSKIY, O.V.; VLADIMIROVA, P.A.

Simple method for trichinoscopy of pork. Veterinariia 39 no.9:
66-67 S '62. (MIRA 16:10)

1. Moskovskiy tekhnologicheskii institut myasnoy i molochnoy
promyshlennosti.

RYBALTOVSKIY, O.V., dotsent

Seasonal dynamics of sarcosporidiosis in swine. Veterina-
riia 37 no.4:45-46 Ap'60. (MIRA16:6)

1. Moskovskiy technologicheskii institut myasnoy i moloch-
noy promyshlennosti.
(PARASITES--SWINE)

RYBALTOVSKIY, O.V., dotsent; KOSMINKOV, N.Ye., assistant;
LOKHMANENKO, V.A., nauchnyy sotrudnik

Morphological differences of Trichinella capsules.
Veterinariia 38 no.7:48-50 J1 '61. (MIRA 16:8)

1. Moskovskiy tekhnologicheskii institut myasnoy i molochnoy
promyshlennosti.
(Trichina and trichinosis)